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PTO/ST/21 (09-04)

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<b>TRANSMITTAL FORM</b>	Application Number	10705,793
	Filing Date	November 7, 2003
	First Named Inventor	Leonid B. Galperin et al.
	Art Unit	1764
	Examiner Name	Walter Dean Griffin
(to be used for all correspondence after initial filing)		
Total Number of Pages in This Submission	6	Attorney Docket Number 107404

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): PCT International Search Report
Remarks		
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm Name	UOP LLC	
Signature	<i>Frank S. Molinaro</i>	
Printed name	Frank S. Molinaro	
Date	November 9, 2004	Reg. No. 32,710

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Date	November 9, 2004

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Name (Print/Type)	Margherita M. Laricchia	Fax # (if faxed)	703-872-9306
Signature	<i>Margherita M. Laricchia</i>	Date	November 9, 2004

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Appl. No. : 10/705,793  
Applicant : 107404  
Filed : November 7, 2003  
TC/A.U. : 1764  
Examiner : Walter Dean Griffin

Confirmation No. 4817

Docket No. : 107404  
Customer No. : 23490

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT  
WITHIN THREE MONTHS AFTER RECEIPT OF A PATENT SEARCH REPORT  
FROM A FOREIGN PATENT OFFICE (37 C.F.R. §1.97(c)(1))**

Sir:

The information disclosure statement transmitted herewith is being filed before the mailing of an Office Action. Each item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this information disclosure statement. Attached please find a copy of the PCT Search Report dated 27 September 2004.

Respectfully submitted,



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## PATENT COOPERATION TREATY

## PCT

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## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference <b>107404 (2479)</b>	<b>FOR FURTHER ACTION</b> see Form PCT/ISA/220 as well as, where applicable, Item 5 below.	
International application No. <b>PCT/US2004/012039</b>	International filing date (day/month/year) <b>20/04/2004</b>	(Earliest) Priority Date (day/month/year)
Applicant <b>UOP - LLC</b>		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 3 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

## 1. Basis of the report

- a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. ☐ With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I.

2. ☐ Certain claims were found unsearchable (See Box II).

3. ☐ Unity of invention is lacking (see Box III).

4. With regard to the title,

☐ the text is approved as submitted by the applicant.

☒ the text has been established by this Authority to read as follows:

**CATALYST FOR SELECTIVE OPENING OF CYCLIC PARAFFINS AND PROCESS FOR USING THE CATALYST**

5. With regard to the abstract,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regards to the drawings,

- a. the figure of the drawings to be published with the abstract is Figure No. \_\_\_\_\_

☐ as suggested by the applicant.

☐ as selected by this Authority, because the applicant failed to suggest a figure.

☐ as selected by this Authority, because this figure better characterizes the invention.

☐ none of the figures is to be published with the abstract.

## INTERNATIONAL SEARCH REPORT

 International Application No.  
 PCT/US2004/012039

 A. CLASSIFICATION OF SUBJECT MATTER  
 IPC 7 B01J29/85 C10G71/00 C07C5/22 C10G45/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

 Minimum documentation searched (classification system followed by classification symbols)  
 IPC 7 B01J C10G C07C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

 Electronic data base consulted during the International search (name of data base and, where practical, search terms used)  
 EPO-Internal, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2001/006155 A1 (KRUG RUSSELL R ET AL) 5 July 2001 (2001-07-05) paragraph '0014! - paragraph '0075!; claims; examples; tables	1-10
X	US 6 458 265 B1 (KRUG RUSSELL R ET AL) 1 October 2002 (2002-10-01) column 1, line 53 - column 8, line 55; claims; examples; tables	1-10
X	US 6 204 426 B1 (KRUG RUSSELL R ET AL) 20 March 2001 (2001-03-20) column 1, line 62 - column 9, line 4; claims; examples; tables	1-10
A	US 5 885 438 A (RUBIN MAE K ET AL) 23 March 1999 (1999-03-23)	1-10

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*Z\* document member of the same patent family

Date of the actual completion of the international search

15 September 2004

Date of mailing of the international search report

27/09/2004

Name and mailing address of the ISA

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## INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US2004/012039

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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		AU 774816 B2	08-07-2004
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